

Appl. No. 10/085,468
Amdt. dated May 20, 2003
Reply to Office action of Feb. 20, 2003

This listing of claims will replace all prior versions, and listings, of the claims in this application:

Listing of Claims

Claims 1-20 (cancelled)

Sub DI
Claim ~~21~~ (previously added): A hand-held data handling device, comprising:

a housing;

a keyboard, located on a user accessible surface of said housing, comprising a plurality of individual, user-depressible keys;

a screen input component, located on a user accessible surface of said housing, said screen input component located distinctly from said keyboard; ~~PC~~

an optical information sensing component, housed by said housing; and ~~PC~~

a computerized data handling system, located internally of said housing, coupled with said keyboard and said screen input component;

wherein said housing is of a shape and size permitting the data handling device to be hand-held and portable such that data can be input while said housing is held in a user's hand.

2
Claim ~~22~~ (previously added): The hand-held data handling device of claim ~~21~~, wherein said optical information sensing component comprises an optical indicia reader.

3
Claim ~~23~~ (previously added): The hand-held data handling device of claim ~~22~~, wherein said optical indicia reader comprises a bar code scanner.

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4 1
Claim ~~24~~ (previously added): The hand-held data handling device of claim ~~21~~, wherein said optical information sensing component comprises an optical communication component.

5 4
Claim ~~25~~ (previously added): The hand-held data handling device of claim ~~24~~, wherein said optical communication component is capable of wireless communication with a computerized device.

6 4
Claim ~~26~~ (previously added): The hand-held data handling device of claim ~~24~~, wherein said optical communication component is positioned so as to communicatively couple with a docking device when docked therewith.

7 1
Claim ~~27~~ (previously added): The hand-held data handling device of claim ~~21~~, further comprising a wire communication component enabling the hand-held data handling device to communicate via a wired connection.

8 7
Claim ~~28~~ (previously added): The hand-held data handling device of claim ~~27~~, wherein said wire communication component enables the hand-held data handling device to communicate via a wire-linked telephonic communication system.

9 1
Claim ~~29~~ (previously added): The hand-held data handling device of claim ~~21~~, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said screen input component.

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¹⁰
Claim ~~30~~ (previously added): The hand-held data handling device of claim ~~21~~¹, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said keyboard.

¹¹
Claim ~~31~~ (previously added): The hand-held data handling device of claim ~~21~~¹, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during use of said optical information sensing component.

¹²
Claim ~~32~~ (previously added): The hand-held data handling device of claim ~~21~~¹, further comprising an information storage card.

¹³
Claim ~~33~~ (previously added): The hand-held data handling device of claim ~~32~~¹², wherein said information storage card is a user-removable information storage card.

¹⁴
Claim ~~34~~ (previously added): The hand-held data handling device of claim ~~21~~¹, wherein said screen input component comprises a touch screen.

¹⁵
Claim ~~35~~ (previously added): The hand-held data handling device of claim ~~21~~¹, wherein said keyboard is located adjacent to said screen input component.

¹⁶
Claim ~~36~~ (previously added): The hand-held data handling device of claim ~~21~~¹, wherein said optical information sensing component is structured to function both as a wireless communication component and as an optical indicia reader.

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¹⁷
Claim ~~37~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, further comprising a user-removable memory module.

¹⁸
Claim ~~38~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, wherein said optical information sensing component is capable of communicating with a computerized device.

¹⁹
Claim ~~39~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, wherein said optical information sensing component is positioned so as to communicatively couple with a docking device when docked therewith.

²⁰
Claim ~~40~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, wherein said optical information sensing component comprises a bar code reader.

²¹
Claim ~~41~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, further comprising a wire communication component enabling the hand-held data handling device to communicate via a wired connection.

²²
Claim ~~42~~ (previously added): The hand-held data handling device of claim ~~41~~²¹, wherein said wire communication component enables the hand-held data handling device to communicate via a wire-linked telephonic communication system.

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²³
Claim ~~43~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said screen input component.

²⁴
Claim ~~44~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said keyboard.

²⁵
Claim ~~45~~ (previously added): The hand-held data handling device of claim ~~36~~¹⁶, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during use of said optical information sensing component.

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²⁶
Claim ~~46~~ (previously added): An apparatus, comprising:

an array of depressible keys;
a screen input system, comprising an input screen area located distinctly from said array of depressible keys, said screen input system being capable of detecting a touch to said input screen area and of determining where on said input screen area that touch has occurred;
a visual display, located at least partially at the same location occupied by said input screen area, said visual display being capable of presenting visual information to a user;
an optical information sensing component, capable of sensing light energy reflected from an optical indicia; and
a computerized processing system, communicatively coupled with said array of depressible keys, said screen input system, said visual display and said optical information sensing component.

²⁷
Claim ~~47~~ (previously added): The apparatus of claim ²⁶~~46~~, wherein said optical information sensing component comprises an optical indicia reader capable of reading machine-readable optical indicia.

²⁸
Claim ~~48~~ (previously added): The apparatus of claim ²⁷~~47~~, wherein said optical indicia reader comprises a bar code scanner.

²⁹
Claim ~~49~~ (previously added): The apparatus of claim ²⁶~~46~~, wherein said optical information sensing component is also capable of wireless communication with a computerized device.

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³⁰
Claim ~~50~~ (previously added): The apparatus of claim ~~46~~²⁶, further comprising a housing supporting said array of depressible keys, said screen input system, said visual display, said optical information sensing component and said computerized processing system;

wherein said housing is of a shape and size permitting the apparatus to be gripped in one hand during data entry via said screen input system.

³¹
Claim ~~51~~ (previously added): The apparatus of claim ~~46~~²⁶, further comprising a housing supporting said array of depressible keys, said screen input system, said visual display, said optical information sensing component and said computerized processing system;

wherein said housing is of a shape and size permitting the apparatus to be gripped in one hand during data entry via said array of depressible keys.

³²
Claim ~~52~~ (previously added): The apparatus of claim ~~46~~²⁶, further comprising a housing supporting said array of depressible keys, said screen input system, said visual display, said optical information sensing component and said computerized processing system;

wherein said housing is of a shape and size permitting the apparatus to be gripped in one hand during data entry via said optical information sensing component.

³³
Claim ~~53~~ (previously added): The apparatus of claim ~~46~~²⁶, further comprising a user-removable data storage module.

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~~34~~ Claim ~~54~~²⁴ (previously added): The apparatus of claim ~~46~~²⁴, wherein said screen input system comprises a touch screen capable of sensing where on said input screen area a user has touched said input screen area.

~~35~~ Claim ~~55~~²⁴ (previously added): The apparatus of claim ~~46~~²⁴, wherein said array of depressible keys is located adjacent to said input screen area.

~~36~~ Claim ~~56~~²⁴ (previously added): The apparatus of claim ~~46~~²⁴, further comprising a wire communication component enabling the apparatus to communicate with a computerized device via a wired connection.

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Claim ~~57~~³⁷ (previously added): An apparatus, comprising:

means for providing a hand-held, portable housing;

means for inputting data via depressible keys, located on said means for providing a hand-held, portable housing;

means for inputting data via a screen, located distinctly from said means for inputting data via depressible keys, said means for inputting data via a screen being supported by said

means for providing a hand-held, portable housing;

means for displaying visual information, located at least partially at the same location occupied by said means for inputting data via a screen;

means for sensing optical information, supported by said means for providing a hand-held, portable housing; and

means for processing data, supported by said means for providing a hand-held, portable housing, said means for processing data being communicatively coupled with said means for inputting data via depressible keys, said means for inputting data via a screen, said means for displaying visual information and said means for sensing optical information.